

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-26 Canceled

27. (Withdrawn) A method of treating an aneurysm, comprising the steps of:

providing a cover which is positioned around an expandable element in a collapsed position, the cover being covered by a sheath;

advancing the cover to an aneurysm in a patient with the cover in the collapsed position;

withdrawing the sheath to expose the cover;

expanding the expandable member thereby expanding the cover, the cover expanding to an expanded condition, the cover being positioned over a neck of the aneurysm.

28. (Withdrawn) The method of claim 27, wherein:

the providing step is carried out with the cover being wrapped around the expandable element without creating folds when collapsed.

29. (Withdrawn) The method of claim 27, wherein:

the expanding step is carried out with the cover engaging a wall of the parental vessel around the neck of the aneurysm.

30. (Withdrawn) The method of claim 27, wherein:

the expanding step is carried out with the cover being attached to the wall.

31. (Withdrawn) The method of claim 30, wherein:

the providing step is carried out with an adhesive positioned on an outer surface of the cover and protected by the sheath during the advancing step.

32. (Withdrawn) The method of claim 27, wherein:
the expanding step is carried out with the cover extending no more than half the circumference of the vessel.

33. (Withdrawn) The method of claim 27, wherein:
the expanding step is carried out with the cover extending no more than one third the circumference of the vessel.

34. (Withdrawn) The method of claim 27, wherein:
the providing step is carried out with the cover having a metallic frame structure and an impermeable portion mounted to the frame, the impermeable portion being positioned to cover the neck of the aneurysm after the inflating step.

35. (Withdrawn) The method of claims 27, wherein:
the providing step is carried out with the sheath being folded over itself at a distal end; and
the exposing step is carried out with the sheath being pulled back over itself.

36. (Withdrawn) The method of claim 27, wherein:
the providing step is carried out with the sheath comprising PTFE.

37. (Withdrawn) The method of claim 27, wherein:
the cover is mounted to a delivery catheter, the delivery catheter having a single lumen; and
the advancing step is carried out with the device being advanced over a guidewire extending through the single lumen.

38. (Currently amended) A device for treating an aneurysm, comprising:

a cover for covering a neck of an aneurysm; and

a delivery catheter having an expandable element and a sheath, the expandable element being at the distal end of the delivery catheter, the cover being mounted around the expandable element, the sheath being retractable and overlying the cover thereby trapping the cover between the sheath and expandable element, the sheath being movable to a position in which the cover is exposed to permit expansion of the expandable element and the cover, the sheath being folded over itself at a distal end of the sheath, the sheath being pulled back and being everted when exposing the cover.

39. (Previously presented) The device of claim 38, wherein:
the delivery catheter has a longitudinal axis; and
the cover is wrapped around a balloon in the collapsed position without folds.

40. (Original) The device of claim 38, further comprising:
an adhesive on an outer surface of the cover.

41. (Previously presented) The device of claim 38, wherein:
the cover has a metallic frame and an impermeable portion mounted to the frame which covers the neck of the aneurysm.

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43. (Previously presented) The device of claim 38, wherein:
the sheath comprises PTFE.

44. (Previously presented) The device of claim 38, wherein:
the delivery catheter has a single lumen which receives a guidewire.

Claims 45-51 Canceled